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HUMAN PERFORMANCE: PSYCHOLOGICAL  
AND PHYSIOLOGICAL SEX DIFFERENCES  
(A SELECTED BIBLIOGRAPHY)

Gerald A. Hudgens  
Linda L. Torsani-Fatkin

February 1980

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U. S. ARMY HUMAN ENGINEERING LABORATORY  
Aberdeen Proving Ground, Maryland

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Gerald A. Hudgens  
Linda L. Torsani-Fatkin

Technical Assistance

G. Sannita McKinney  
Donna Byrd

February 1980

APPROVED:

  
JOHN D. WEISZ  
Director

US Army Human Engineering Laboratory

US ARMY HUMAN ENGINEERING LABORATORY  
Aberdeen Proving Ground, Maryland 21005

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HUMAN PERFORMANCE: PSYCHOLOGICAL  
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INTRODUCTION

This bibliography is the result of a continuing effort to establish and maintain a data base of current information relating to possible effects of sex differences and the menstrual cycle on performance and to make this information available to other laboratories and investigators seeking to expand the data base through active research efforts.

Our initial attempt to establish such a data base led to the publication of a bibliography, "Human performance: Sex differences and the influence of the menstrual cycle" (Billingsley and Hudgens, 1978), which included publications in the period roughly from the 1930's through mid-1977. The present bibliography consolidates the sex differences materials of the first bibliography and those located subsequent to its preparation. This was done because a large amount of material published in the same time period but not cited in the first bibliography was located, and in order to make the present work more complete and more usable than a supplement would be. Materials relating to women in nontraditional occupations and to effects of the menstrual cycle are to be published in the very near future in a separate volume.

The present bibliography is organized into four major subject areas: I. Sex Differences: Overview; II. Physiological Sex Differences; III. Sex Differences in Cognitive and Motor Abilities; and IV. Sex Differences in Personality. The Table of Contents lists several subsections under each main section. Although many of the references could be legitimately included under several headings, each is listed only once according to its primary topic where it was possible to determine topics covered. In most cases original references were available, but, in some cases, only titles were available for making these determinations; consequently, since titles can be misleading, it is likely that errors in topic assignment did occur. An Index of First Authors is included at the end for the user's convenience.

In conducting the search for materials to include in the bibliography, we employed several strategies: Current Contents (both the Social and Behavioral Sciences and Life Sciences weekly issues) were monitored during the period 1976 into 1979; the lists of references in many of the references cited in the 1978 bibliography and in most of the new references obtained for this bibliography were cross-referenced against our files; two on-line search systems were employed, the Medical Literature Analysis and Retrieval System (MEDLARS) based at the National Library of Medicine (Bethesda, MD) and the "DIALOG" on-line Search (Lockheed Information Systems, 3251 Hanover Street, Palo Alto, CA); two listings of US Government reports were consulted, the Government Reports Announcements Index and Technical Abstract Bulletin and Index; and partial searches were made of recent issues of Psychological Abstracts and Dissertation Abstracts International (Part B).

In order to make future bibliographic compilations more useful to those who might consult them, persons who attempt to use this document are encouraged to submit to the authors any suggestions, comments (negative or positive), or observed omissions.

The authors wish to express their sincere gratitude to Jois Watlington, Shirley Hanson, Sannita McKinney, Donna Byrd, Jeanne Tezai, Doris S. Eanes, and Violet Confer for their dedicated and skilled technical assistance in preparing this document.

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### **III. SEX DIFFERENCES IN COGNITIVE AND MOTOR ABILITIES**

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